

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/07293

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ C23C16/455, H01L21/31

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ C23C16/00-16/56, C23C14/00-14/58, H01L21/205, H01L21/31

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 08-279465 A (Hitachi Cable, Ltd.), 22 October, 1996 (22.10.96), Claims; Fig. 1 (Family: none)	1
A	JP 64-054723 A (Sony Corp.), 02 March, 1989 (02.03.89), Claims (Family: none)	2-8
A	JP 61-077696 A (NEC Corp.), 21 April, 1986 (21.04.86), Claims (Family: none)	1-8
		1-8

 Further documents are listed in the continuation of Box C. See patent family annex.

- * Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed
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Date of the actual completion of the international search
20 August, 2003 (20.08.03)Date of mailing of the international search report
02 September, 2003 (02.09.03)Name and mailing address of the ISA/
Japanese Patent Office

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 11-269652 A (NEC Corp.), 21 April, 1999 (21.04.99), Full text & KR 99074809 A & TW 384315 A	1-8